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MEMORANDUM FOR THE RECORD

SUBJECT: ITEK Optical Bar Camera, Special Meeting (17 May 1968)

1. A meeting was convened at 1000 hours, 17 May 1968, in the OSA Comptroller's Conference Room to discuss and further define ITEK proposals for support of the Optical Bar Camera. The following personnel participated:

ITEK

OSA

25X1A

25X1A

\*Part-time

25X1A

2. [ ] brought two questions up to the ITEK representatives that involved the [ ] These were questions that AFRDR-P had earlier requested be explored: (a) Can [ ] be re-focused (while at ITEK) to compensate for Q-Bay pressurization in the "R" vehicle and, later would it be brought back to its initial focus adjustments before return to USAF? (b) Three items of AGE will not be available from [ ] Project. These 25X1A are a maintenance dolly, a hydraulic hoist and a film rewind unit. Can [ ] find substitutes?

25X1A

3. ITEK representatives were familiar with these questions and stated:

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25X1A a. The #6 [ ] will receive  
focus adjustments prior to leaving the plant. This  
will insure its being ready for employment in [ ]  
25X1A [ ] tests. Also, it is understood that this borrowed  
camera will be run back through the plant for quality  
25X1A control checks and focus readjustments upon completion  
of [ ] testing. This assumption was confirmed  
to be correct by OSA participants.

25X1A

b. ITEK has the capability of local manufacturing  
an inexpensive maintenance dolly for use during the  
period of the above tests. Availability of hoists  
in the shops at North Base should present no problem,  
as the requirement for these will primarily be to move  
the camera in/out of the shipping container. Also,  
an adapter can be made to the HYCON film rewind unit  
at Detachment G that negates procurement of the ITEK  
version.

c. In short, no problems are anticipated on any  
of the above questions.

25X1A 4. ITEK proposals were reviewed by the group. Cost  
comparisons were made between previous quotes and the latest  
ITEK bids. Some of the increases in sustaining engineer  
costs were attributed to the scheduled close down of the  
[ ] Program, at which time these costs would not  
be shared between programs. After further discussions, it  
was agreed that by "doubling-up" in May or June 1968 of  
Optical Bar Camera production; the [ ] Program  
25X1A should be able to realize a reduction in sustaining engi-  
neering costs equivalent to 1½ months.

25X1A

5. AGE Discussions:

a. The initial ITEK AGE package proposal included  
special film rewind units. ITEK has subsequently  
recommended adapters be manufactured that fit the on-  
hand HYCON units at Detachments G and H and thus delete  
new procurement of their units. Further checks will be  
made with SAC to determine if their "OL's" also possess  
the HYCON rewind units. (Action: D/M/OSA)

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b. Hoists for removal and lowering of cameras are believed to be on hand at Detachments G and H. This is also believed to be true of the SAC "OL's". However, a special inquiry will be made to verify these assumptions. (Action: D/M/OSA)

c. Comment made by ITEK representative to the OSA Contracting Officer [ ] that the proposals presented this date by ITEK do not include AGE or Spares. These will be "budgetary" items.

25X1A

d. The following summarizes distribution to Project and SAC of AGE items:

<u>Project</u>	<u>SAC</u>
*6 maint. dollies	3 maint. dollies
*6 dolly covers	(No dolly covers)
3 shipping containers	6 shipping containers

\*NOTE: These maintenance dollies can be converted into a combination AGE package suitable for fast deployments by dropping the cover (housing) over the maintenance dolly.

e. Further distribution of the above among the OSA Project was identified as follows:

DET H: 2 maint dollies  
2 dolly covers  
1 shipping container

\*DET G: 4 maint dollies  
4 dolly covers  
2 shipping boxes

\*NOTE: Includes support requirement for the #13 pre-positioned camera.

f. T & C Consoles

(1) As noted during previous meetings, it is believed that all seven (7) test-and-check-out consoles are not required and that adequate field

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deployment capability could be provided with a suitcase tester version. The distribution of testers would be as follows:

<u>Project</u>	<u>SAC</u>
DET H: 1 T & C Console 1 suitcase tester	3 T & C Consoles 1 suitcase tester
DET G: 1 T & C Console 2 suitcase testers	

(2) A separate item of AGE is contained in the ITEK proposal that permits placing electrical "dummy" loads on the T & C Console (prior to checking a camera) to insure stray or erratic currents are not present. Conferees requested this item be made an integral component of the T & C Console, and not a separate line item of AGE.

(3) ITEK will also work up additional details on the suitcase tester to insure field personnel can locate malfunctions and perform replacements of modules or cards. (This is in addition to the "go-no-go" capability) ITEK will also incorporate a dummy load feature into this tester to perform self-checks.

(4) PC Board Extender Cards are printed circuit cards that permit access to internal circuits of a camera for testing purposes. These cards are provided as "sets"; distribution of these sets was recommended as follows:

Project	- 4 sets
SAC	- 3 sets

(5) Dust covers - One per camera required for a total of 13.

(6) Window assembly shipping containers are required for movement of assemblies from the plant to the Lockheed facility, where they are installed in hatches. ITEK stated the Project could be supported

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with 7 of these containers if Lockheed were to be clearly instructed to return the empty containers promptly to ITEK. This program will have to be monitored closely by Headquarters. (Action: D/M/GSA)

(7) A total of 7 slings are required; 4 for Project and 3 for SAC. The "Yoke" AGE was deleted, as it appears the truss mounts will fulfill this purpose. A comment by ITEK was that interchangeability of mounts and window assemblies between the "C" and "R" vehicles appears promising at this time.

(8) ITEK stated that their maintenance manuals include very comprehensive drawings and that no requirement is envisaged for microfilm or aperture card applications. However, the normal distribution of 7 sets of manufacturer's drawings will be made to the Project Depot.

(9) Spools will be procured initially in a quantity of 100 (10,500 Ft. capacity). Re-evaluation of spool levels will be made at the time #6 production camera is delivered.

6. Spares discussions will be held in the near future to insure P/Depot and ITEK specialists perform provisioning actions in keeping with operational requirements. ITEK has the capability to provide initial spares support from its plant resources. As experience is gained with this camera, refinements will be made to FAK, Base and SRA stockage objectives.

7. Other Comments:

a. ITEK will negotiate their portion of the flight test program as a separate item. However, a paper left at this meeting can be used as a budgetary guide.

b. Further discussions will be held regarding acceptance/certification of the camera at the plant or after the Edwards Flight Test.

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c. ITEK can ship the SR-71 OOC console upon receipt of instructions. (This is being arranged by AFRDR-P; D/M/OSA will coordinate.) 25X1A



Lt. Col. USAF  
C/P & R Div/M/OSA

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25X1A

PRD/M/OSA: [ ]: cm

Distribution:

25X1A

#1 - WPAFB [ ]

25X1A

#2 - W/R Depot [ ]

#3 - D/M/OSA (Chrono)

#4 - RB/OSA

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